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FORM PTO-1390 (REV. 01-2003)

US DEPARTMENT C MERCE PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

'S DOCKET NUMBER 121059

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/EP03/03234

| | C | JNCEKNING A FILING UN | DEK 35 U.S.C. 3/ I | -0/20/0/5 | | | | | |
|--|-------------------------|---|---|--|--|--|---|--|--|
| INTERNATIONAL APPLICATION NO. PCT/EP03/03234 | | | INTERNATIONAL FILING DATE March 28, 2003 | PRIORITY DATE CLAIMED April 3, 2002 | | | | | |
| | | NVENTION ITE MATERIAL, METHOD OF PR | ODUCTION, AND USES THERE | OF | | | | | |
| | | TS FOR DO/EO/US er SCHWUNG, Bernd WOHLMAN | IN | | | | | | |
| Appli | cant h | nerewith submits to the United States | s Designated/Elected Office (DO/E | O/US) the following items and other information: | | | | | |
| 1. | \boxtimes | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | |
| 2. | | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | |
| 3. | \boxtimes | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | |
| 4. | \boxtimes | The US has been elected (Article 31). | | | | | | | |
| 5 | \boxtimes | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | |
| | | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| | 4 | b. $\ igsim$ has been communicated by | the International Bureau. | | | | | | |
| | | c. \square is not required, as the applic | cation was filed in the United States | Receiving Office (RO/US). | | | | | |
| 6. | d (35 U.S.C. 371(c)(2)) | | | | | | | | |
| | | a. 🛛 is attached hereto. | |) . | | | | | |
| | | b. | ed under 35 U.S.C. 154(d)(4). | | | | | | |
| | | c. The International Application was filed in English. | | | | | | | |
| Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | |
| | | | | | | | b. have been communicated by the International Bureau. | | |
| | | c. \square have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| | | d. | Il not be made. | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | |
| 10. | | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | |
| Items | s 11 t | o 20 below concern document(s) | or information included: | · . | | | | | |
| 11. | \boxtimes | An Information Disclosure Stateme | nt under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. | \boxtimes | An assignment document for record | ding. A separate cover sheet in co | mpliance with 37 CFR 3.28 and 3.31 is included. | | | | | |
| 13. | \boxtimes | A preliminary amendment. | · | • | | | | | |
| 14. | \boxtimes | An Application Data Sheet under 3 | 7 CFR 1.76. | 75 | | | | | |
| 15. | \boxtimes | A substitute specification. | v. | | | | | | |
| 16. | | A power of attorney and/or change | of address letter. | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821 - 1.825. | | | | | | | |
| 18. | | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 19. | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | |
| 20. | | Other items or information: | | • | | | | | |
| | | | | | | | | | |

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| U.S. APPLICATION NO (IFR New U.S. Nation PCT/EP03/03234 | ¥5U9875 | ATTORNEY'S DOCKET NUMBER 121059 | | | | | | | |
|---|---|------------------------------------|----------------|-----------|----|--|--|--|--|
| | fees are submitted: | CALCULATIONS | PTO USE ONLY | | | | | | |
| BASIC NATIONAL FE | E (37 CFR 1.492(a)(1)-(5 | | | | | | | | |
| international search fee | reliminary examination fee e (37 CFR 1.445(a)(2)) pa eport not prepared by the | | | | | | | | |
| | ry examination fee (37 CF h Report prepared by the | | | | | | | | |
| | ry examination fee (37 CF h fee (37 CFR 1.445(a)(2) | | | | | | | | |
| | ry examination fee (37 CF y provisions of PCT Articl | | | | | | | | |
| | ry examination fee (37 CF visions of PCT Article 33(| | | | | | | | |
| | TER APPROPRIATE BA | | \$950.00 | Marie III | | | | | |
| | for furnishing the oath or on date (37 CFR 1.492(e)). | 0 months from the | \$ | | | | | | |
| ₃ CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | |
| Total Claims | 16- 20 = | 0 | X \$ 18.00 | \$ | | | | | |
| Independent Claims | 3- 3 = | 0 | × \$ 88.00 | \$ | | | | | |
| MULTIPLE DEPENDE | NT CLAIM(S)(if applicable | e) | + \$300.00 | \$ | | | | | |
| | • | TOTAL OF ABOVE (| CALCULATIONS = | \$950.00 | | | | | |
| Applicant claims s reduced by ½. | mall entity status. See 37 | \$ | | | | | | | |
| | | | SUBTOTAL = | \$950.00 | | | | | |
| | 0.00 for furnishing the Engority date (37 CFR 1.492) | \$ | | | | | | | |
| | | \$950.00 | | | | | | | |
| | enclosed assignment (37 of propriate cover sheet (37 | \$ | | | | | | | |
| | | \$950.00 | | | | | | | |
| | | Amount to be refunded: | \$ | | | | | | |
| <u> </u> | | | | charged: | \$ | | | | |
| a. A check in the amount of \$950.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. | | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | |
| | OLIFF & BERRIDGE, PLC Customer Number: 25944 NAME: William P. Berridge REGISTRATION NUMBER: 30,024 | | | | | | | | |
| Date October 1, 2 | Date October 1, 2004 NAME: Joel S. Armstrong REGISTRATION NUMBER: 36,430 | | | | | | | | |